WORLD DEVELOPMENT

Volume 29 2001

List of Contents and Author Index

Pergamon

PII: S0305-750X(01)00102 - 4

World Development

Chairman of the Editorial Board
Paul P. Streeten

Editor
Janet L. Craswell
American University (Brandywine Building)
4400 Massachusetts Ave, NW
Washington, DC 20016-8151
U.S.A.
Fax: +1-202 885 2824
E-mail: jcraswe@american.edu
(Please use this e-mail address for correspondence only and not submission of files.)

Copy Editor
Therese Borden

Editorial Assistant
Mary Teresa Stephanos

Address to which articles are to be mailed

The Editor
World Development
American University (Brandywine Building)
4400 Massachusetts Ave, NW
Washington, DC 20016-8151
U.S.A.

Advertising information. Advertising orders and enquiries can be sent to: **Europe and ROW**: Rachel Leveson-Gower, The Advertising Department, Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+44) (1865) 843565; fax: (+44) (1865) 843976; e-mail: r.leveson-gower@elsevier.co.uk
USA, Canada and South America: Mr Tino de Carlo, The Advertising Department, Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010-5107, USA; phone: (+1) (212) 633 3815; fax: (+1) (212) 633 3820; e-mail: t.decarlo@elsevier.com.
Japan: The Advertising Department, Elsevier Science K.K., 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044, Japan; phone: (+81) (3) 5561-5033; fax: (+81) (3) 5561 5047.

Orders, claims, and product enquiries: please contact the Customer Support Department at the Regional Sales Office nearest you: **New York**: Elsevier Science, PO Box 945, New York, NY 10159-0945, USA; phone: (+1) (212) 633 3730 [toll free number for North American customers: 1-888-4ES-INFO (437-4636)]; fax: (+1) (212) 633 3680; e-mail: usinfo-f@elsevier.com. **Amsterdam**: Elsevier Science, PO Box 211, 1000 AE Amsterdam, The Netherlands; phone: (+31) 20 4853757; fax: (+31) 20 4853432; e-mail: nlinfo-f@elsevier.nl. **Tokyo**: Elsevier Science, 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044 Japan; phone: (+81) (3) 5561 5033; fax: (+81) (3) 5561 5047; e-mail: info@elsevier.co.jp. **Singapore**: Elsevier Science, No. 1 Temasek Avenue, #17-01 Millenia Tower, Singapore 039192; phone: (+65) 434 3727; fax: (+65) 337 2230; e-mail: asiainfo@elsevier.com.sg. **Rio de Janeiro**: Elsevier Science, Rua Sete de Setembro 111/16 Andar, 20050-002 Centro, Rio de Janeiro RJ, Brazil; phone: (+55) (21) 509 5340; fax: (+55) (21) 507 1991; e-mail: elsevier@campus.com.br
[Note (Latin America): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]

© **2001 Elsevier Science Ltd. All rights reserved**

Frequency: Published Monthly
Members of the Society for International Development and Development Studies Association may order personal subscriptions at a concessional rate, details of which are available on request.

Publication information: World Development (ISSN 0305-750X). For 2002, volume 30 is scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (http://www.elsevier.com/locate/worlddev). Further information is available on this journal and other Elsevier Science products through Elsevier's website: (http://www.elsevier.com). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

Periodicals postage paid at Rahway, New Jersey. *World Development* (ISSN 0305-750X) is published (monthly) by Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK. The annual subscription in the USA is $1649. *World Development* is circulated by Mercury International Limited, 365 Blair Road, Avenel, NJ 07001, USA.
POSTMASTER: Please send address corrections to: *World Development*, c/o Customer Services, Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Author enquiries: For enquiries relating to the submission of articles (including electronic submission), the status of accepted articles through our Online Article Status Information System (OASIS), author Frequently Asked Questions and any other enquiries relating to Elsevier Science, please consult http://www.elsevier.com/locate/authors. For specific enquiries on the preparation of electronic artwork, consult http://www.elsevier.com/locate/author-artwork. Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided when an article is accepted for publication.

♾The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

CONTENTS OF VOLUME 29

Volume 29 Number 1

C. Kenny and D. Williams	1	What Do We Know About Economic Growth? Or, Why Don't We Know Very Much?
J. Duckett	23	Bureaucrats in Business, Chinese-Style: The Lessons of Market Reform and State Entrepreneurialism in the People's Republic of China
A. Park and C. Ren	39	Microfinance with Chinese Characteristics
N. Kabeer	63	Conflicts Over Credit: Re-Evaluating the Empowerment Potential of Loans to Women in Rural Bangladesh
S. Henson and R. Loader	85	Barriers to Agricultural Exports from Developing Countries: The Role of Sanitary and Phytosanitary Requirements
R. Tripp and S. Pal	103	The Private Delivery of Public Crop Varieties: Rice in Andhra Pradesh
T. Beck and C. Nesmith	119	Building on Poor People's Capacities: The Case of Common Property Resources in India and West Africa
K. Botchway	135	Paradox of Empowerment: Reflections on a Case Study from Northern Ghana
J. Gibson	155	Literacy and Intrahousehold Externalities
D. Levison, K. S. Moe and F. M. Knaul	167	Youth Education and Work in Mexico
R. Belderbos, G. Capannelli and K. Fukao	189	Backward Vertical Linkages of Foreign Manufacturing Affiliates: Evidence from Japanese Multinationals

Volume 29 Number 2

J. Pretty and H. Ward	209	Social Capital and the Environment
N. N. Petro	229	Creating Social Capital in Russia: The Novgorod Model
J. Wallis and B. Dollery	245	Government Failure, Social Capital and the Appropriateness of the New Zealand Model for Public Sector Reform in Developing Countries

J. O. Lanjouw and I. M. Cockburn 265 New Pills for Poor People? Empirical Evidence after GATT

T. Moser 291 MNCs and Sustainable Business Practice: The Case of the Colombian and Peruvian Petroleum Industries

R. Fisman 311 Trade Credit and Productive Efficiency in Developing Countries

J.-C. Berthélemy and L. Söderling 323 The Role of Capital Accumulation, Adjustment and Structural Change for Economic Take-Off: Empirical Evidence from African Growth Episodes

P. Gibbon 345 Upgrading Primary Production: A Global Commodity Chain Approach

P. Laplagne, M. Treadgold and J. Baldry 365 A Model of Aid Impact in Some South Pacific Microstates

C. Bailey and J. Turner 385 Strategies to Reduce Contribution Evasion in Social Security Financing

Volume 29 Number 3

SPECIAL ISSUE
RURAL NONFARM EMPLOYMENT AND INCOMES IN LATIN AMERICA

T. Reardon, J. Berdegué and G. Escobar 395 Rural Nonfarm Employment and Incomes in Latin America: Overview and Policy Implications

J. A. Berdegué, E. Ramírez, T. Reardon and G. Escobar 411 Rural Nonfarm Employment and Incomes in Chile

L. Corral and T. Reardon 427 Rural Nonfarm Incomes in Nicaragua

J. Graziano da Silva and M. Eduardo del Grossi 443 Rural Nonfarm Employment and Incomes in Brazil: Patterns and Evolution

K. Deininger and P. Olinto 455 Rural Nonfarm Employment and Income Diversification in Colombia

A. de Janvry and E. Sadoulet 467 Income Strategies Among Rural Households in Mexico: The Role of Off-farm Activities

C. Elbers and P. Lanjouw 481 Intersectoral Transfer, Growth, and Inequality in Rural Ecuador

J. Escobal 497 The Determinants of Nonfarm Income Diversification in Rural Peru

F. H. G. Ferreira and P. Lanjouw 509 Rural Nonfarm Activities and Poverty in the Brazilian Northeast

P. Lanjouw 529 Nonfarm Employment and Poverty in Rural El Salvador

R. Ruben and M. Van den Berg 549 Nonfarm Employment and Poverty Alleviation of Rural Farm Households in Honduras

A. Yúnez-Naude and J. Edward Taylor 561 The Determinants of Nonfarm Activities and Incomes of Rural Households in Mexico, with Emphasis on Education

I Acknowledgements

Volume 29 Number 4

L. C. Gray and M. Kevane 573 Evolving Tenure Rights and Agricultural Intensification in Southwestern Burkina Faso

B. Campbell, A. Mandondo, N. Nemarundwe, B. Sithole, W. de Jong, M. Luckert and F. Matose 589 Challenges to Proponents of Common Property Resource Systems: Despairing Voices from the Social Forests of Zimbabwe

R. Véron 601 The "New" Kerala Model: Lessons for Sustainable Development

M. R. Dove and D. M. Kammen 619 Vernacular Models of Development: An Analysis of Indonesia Under the "New Order"

A. I. Samatar 641 Somali Reconstruction and Local Initiative: Amoud University

M. Silberschmidt 657 Disempowerment of Men in Rural and Urban East Africa: Implications for Male Identity and Sexual Behavior

P. A. Dorosh 673 Trade Liberalization and National Food Security: Rice Trade between Bangladesh and India

W. Zant 691 Hedging Price Risks of Farmers by Commodity Boards: A Simulation Applied to the Indian Natural Rubber Market

W. G. Huff, G. Dewit and C. Oughton 711 Credibility and Reputation Building in the Developmental State: A Model with East Asian Applications

T. H. Gindling and D. Robbins 725 Patterns and Sources of Changing Wage Inequality in Chile and Costa Rica During Structural Adjustment

Volume 29 Number 5

G. Varughese and E. Ostrom	747	The Contested Role of Heterogeneity in Collective Action: Some Evidence from Community Forestry in Nepal
W. D. Sunderlin, A. Angelsen, D. P. Resosudarmo, A. Dermawan and E. Rianto	767	Economic Crisis, Small Farmer Well-Being, and Forest Cover Change in Indonesia
A. Hall, G. Bockett, S. Taylor, M. V. K. Sivamohan and N. Clark	783	Why Research Partnerships Really Matter: Innovation Theory, Institutional Arrangements and Implications for Developing New Technology for the Poor
M. R. Bellon and J. Risopoulos	799	Small-Scale Farmers Expand the Benefits of Improved Maize Germplasm: A Case Study from Chiapas, Mexico
C. Pray, D. Ma, J. Huang and F. Qiao	813	Impact of Bt Cotton in China
D. Talukdar and C. M. Meisner	827	Does the Private Sector Help or Hurt the Environment? Evidence from Carbon Dioxide Pollution in Developing Countries
A. G. Dijkstra and J. K. Van Donge	841	What Does the 'Show Case' Show? Evidence of and Lessons from Adjustment in Uganda
V. Popov	865	Reform Strategies and Economic Performance of Russia's Regions
T. S. Jayne, J. Strauss, T. Yamano and D. Molla	887	Giving to the Poor? Targeting of Food Aid in Rural Ethiopia
F. M. Bertranou	911	Pension Reform and Gender Gaps in Latin America: What are the Policy Options?

Volume 29 Number 6

A. Krishna	925	Moving from the Stock of Social Capital to the Flow of Benefits: The Role of Agency
J. Rigg and S. Nattapoolwat	945	Embracing the Global in Thailand: Activism and Pragmatism in an Era of Deagrarianization
L. A. Brand	961	Displacement for Development? The Impact of Changing State–Society Relations

J. Barnett 977 Adapting to Climate Change in Pacific Island Countries: The Problem of Uncertainty

M. Bhattarai and M. Hammig 995 Institutions and the Environmental Kuznets Curve for Deforestation: A Crosscountry Analysis for Latin America, Africa and Asia

R. Bond, J. Curran, C. Kirkpatrick, N. Lee and P. Francis 1011 Integrated Impact Assessment for Sustainable Development: A Case Study Approach

D. Mayer 1025 The Long-Term Impact of Health on Economic Growth in Latin America

R. F. Mikesell 1035 Dual Exchange Markets for Countries Facing Financial Crises

E. Sadoulet, A. De Janvry and B. Davis 1043 Cash Transfer Programs with Income Multipliers: PROCAMPO in Mexico

R. H. Patten, J. K. Rosengard and D. E. Johnston, Jr. 1057 Microfinance Success Amidst Macroeconomic Failure: The Experience of Bank Rakyat Indonesia During the East Asian Crisis

M. Kabir Hassan and D. R. Tufte 1071 The X-Efficiency of a Group-Based Lending Institution: The Case of the Grameen Bank

R. Kanbur 1083 Economic Policy, Distribution and Poverty: The Nature of Disagreements

1095 Acknowledgements

Volume 29 Number 7

D. Ashman 1097 Civil Society Collaboration with Business: Bringing Empowerment Back in

J. I. O. Abbot, D. H. L. Thomas, A. A. Gardner, S. E. Neba and M. W. Khen 1115 Understanding the Links Between Conservation and Development in the Bamenda Highlands, Cameroon

H. Hill 1137 Tiny, Poor and War-Torn: Development Policy Challenges for East Timor

S. Gulyani 1157 Effects of Poor Transportation on Lean Production and Industrial Clustering: Evidence from the Indian Auto Industry

A. Estache, A. Gomez-Lobo and D. Leipziger 1179 Utilities Privatization and the Poor: Lessons and Evidence from Latin America

J. Dedrick, K. L. Kraemer, J. J. Palacios, P. B. Tigre and A. J. J. Botelho 1199 Economic Liberalization and the Computer Industry: Comparing Outcomes in Brazil and Mexico

M. S. Safavian, D. H. Graham and C. Gonzalez-Vega 1215 Corruption and Microenterprises in Russia

M. Kevane and B. Wydick 1225 Microenterprise Lending to Female Entrepreneurs: Sacrificing Economic Growth for Poverty Alleviation?

T. Kusago and B. L. Barham 1237 Preference Heterogeneity, Power, and Intrahousehold Decision-Making in Rural Malaysia

M. Rizov, D. Gavrilescu, H. Gow, E. Mathijs and J. F. M. Swinnen 1257 Transition and Enterprise Restructuring: The Development of Individual Farming in Romania

M. Nubé 1275 Confronting Dietary Energy Supply with Anthropometry in the Assessment of Undernutrition Prevalence at the Level of Countries

Volume 29 Number 8

S. St. John and L. Willmore 1291 Two Legs are Better than Three: New Zealand as a Model for Old Age Pensions

C. P. Nielsen, S. Robinson and K. Thierfelder 1307 Genetic Engineering and Trade: Panacea or Dilemma for Developing Countries

A. Orr and B. Mwale 1325 Adapting to Adjustment: Smallholder Livelihood Strategies in Southern Malawi

C. Brannstrom 1345 Conservation-with-Development Models in Brazil's Agro-Pastoral Landscapes

P. M. Fearnside 1361 Land-Tenure Issues as Factors in Environmental Destruction in Brazilian Amazonia: The Case of Southern Pará

A. M. Rowland 1373 Population as a Determinant of Local Outcomes under Decentralization: Illustrations from Small Municipalities in Bolivia and Mexico

K. Weinberger and J. P. Jütting 1391 Women's Participation in Local Organizations: Conditions and Constraints

K. Sharma 1405 The Underlying Constraints on Corporate Bond Market Development in Southeast Asia

M. Ezzati, B. H. Singer and D. M. Kammen 1421 Towards an Integrated Framework for Development and Environment Policy: The Dynamics of Environmental Kuznets Curves Viewpoints

R. H. Wade 1435 Making the World Development Report 2000: Attacking Poverty

T. S. Epstein and D. Jezeph 1443 Development – There is Another Way: A Rural–Urban Partnership Development Paradigm

1455 Erratum

Volume 29 Number 9

J. Meerman 1457 Poverty and Mobility in Low-status Minorities: The Cuban Case in International Perspective

N. Arunatilake, S. Jayasuriya and S. Kelegama 1483 The Economic Cost of the War in Sri Lanka

S. Lall 1501 Competitiveness Indices and Developing Countries: An Economic Evaluation of the Global Competitiveness Report

S. A. O'Connell and C. C. Soiudo 1527 Aid Intensity in Africa

K. A. Ver Beek 1553 Maquiladoras: Exploitation or Emancipation? An Overview of the Situation of Maquiladora Workers in Honduras

W. F. Lam 1569 Coping with Change: A Study of Local Irrigation Institutions in Taiwan

F. Noorbakhsh, A. Paloni and A. Youssef 1593 Human Capital and FDI Inflows to Developing Countries: New Empirical Evidence

R. Amin, M. St. Pierre, A. Ahmed and R. Haq 1611 Integration of an Essential Services Package (ESP) in Child and Reproductive Health and Family Planning with a Micro-credit Program for Poor Women: Experience from a Pilot Project in Rural Bangladesh

Volume 29 Number 10

B. Agarwal	1623	Participatory Exclusions, Community Forestry, and Gender: An Analysis for South Asia and a Conceptual Framework
A. Agrawal	1649	Common Property Institutions and Sustainable Governance of Resources
J. W. McGuire	1673	Social Policy and Mortality Decline in East Asia and Latin America
K. Michaelowa	1699	Primary Education Quality in Francophone Sub-Saharan Africa: Determinants of Learning Achievement and Efficiency Considerations
P. J. H. Van Beukering and M. N. Bouman	1717	Empirical Evidence on Recycling and Trade of Paper and Lead in Developed and Developing Countries
J. Sargent and L. Matthews	1739	Combining Export Processing Zones and Regional Free Trade Agreements: Lessons From the Mexican Experience
J. Davis, A. Kang, J. Vincent and D. Whittington	1753	How Important is Improved Water Infrastructure to Microenterprises? Evidence from Uganda
E. Skoufias, B. Davis and S. De La Vega	1769	Targeting the Poor in Mexico: An Evaluation of the Selection of Households into PROGRESA
	1785	Erratum

Volume 29 Number 11

P. Collier and D. Dollar	1787	Can the World Cut Poverty in Half? How Policy Reform and Effective Aid Can Meet International Development Goals
M. Ravallion	1803	Growth, Inequality and Poverty: Looking Beyond Averages
S. Wunder	1817	Poverty Alleviation and Tropical Forests – What Scope for Synergies?
P. J. Nelson	1835	Transparency Mechanisms at the Multilateral Development Banks
G. Bird	1849	IMF Programs: Do They Work? Can They be Made to Work Better?

M. Y. Zaki 1867 IMF-Supported Stabilization Programs and their Critics: Evidence from the Recent Experience of Egypt

J. Bair and G. Gereffi 1885 Local Clusters in Global Chains: The Causes and Consequences of Export Dynamism in Torreon's Blue Jeans Industry

W. W. Cortez 1905 What is Behind Increasing Wage Inequality in Mexico?

F. Green, A. Dickerson and J. S. Arbache 1923 A Picture of Wage Inequality and the Allocation of Labor Through a Period of Trade Liberalization: The Case of Brazil

G. E. Fryxell and C. W. H. Lo 1941 Organizational Membership and Environmental Ethics: A Comparison of Managers in State-owned Firms, Collectives, Private Firms and Joint Ventures in China

S. M. Ahmed, M. Chowdhury and A. Bhuiya 1957 Micro-Credit and Emotional Well-Being: Experience of Poor Rural Women from Matlab, Bangladesh

Volume 29 Number 12

G. del Castillo 1967 Post-Conflict Reconstruction and the Challenge to International Organizations: The Case of El Salvador

M. R. Carter and J. May 1987 One Kind of Freedom: Poverty Dynamics in Post-apartheid South Africa

N. Sundar 2007 Is Devolution Democratization?

L. Mehta 2025 The Manufacture of Popular Perceptions of Scarcity: Dams and Water-Related Narratives in Gujarat, India

B. Sanyal and V. Mukhija 2043 Institutional Pluralism and Housing Delivery: A Case of Unforeseen Conflicts in Mumbai, India

O.-H. Fjeldstad and J. Semboja 2059 Why People Pay Taxes: The Case of the Development Levy in Tanzania

C. R. Doss 2075 Designing Agricultural Technology for African Women Farmers: Lessons from 25 Years of Experience

A. R. Quisumbing and K. Otsuka 2093 Land Inheritance and Schooling in Matrilineal Societies: Evidence from Sumatra

A. T. Sadik and A. A. Bolbol 2111 Capital Flows, FDI, and Technology Spillovers: Evidence from Arab Countries

S. V. Lall and G. C. Rodrigo 2127 Perspectives on the Sources of Heterogeneity in Indian Industry

2145 Erratum

2147 Acknowledgements

I Volume Contents/Author Index